

North Branch Potomac River at Luke, Maryland						
Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
39°28'44.3" or 39.478889° N	79°03'49.6" or 79.063889° W	943.68 feet	406 mi2	Mineral, WV	Allegany, MD	Sterling
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Potomac	North Branch Potomac	North Branch Potomac		10.50	12.50	15.00
Period of Record (used in flood frequency)			Outside Period of Record (not used in flood frequency)			
10/1/1978 to Present			1902 to 9/30/1978			
Feet	Flood Impacts					
20.00	Water overtops the railroad bridges at the Newpage Mill.					
17.00	Levees protect the Newpage Mill at Luke up to approximately this level. If water reaches the top of the levee, water may affect the plant.					
16.00	Water reaches the railroad tracks in the town of Westernport.					
15.00	Significant flooding is occurring in Westernport and Piedmont, with buildings and roads flooded.					
13.50	Maryland Route 135 begins to flood west of the town of Luke. Water also reaches the underside of railroad bridges at the Newpage Mill.					
12.50	Backwater from the Potomac begins to flood the town of Westernport. Portions of Maryland Route 135 east of downtown may be affected, and water will approach Westernport Elementary School. This flooding will be more severe if Georges Creek is also in flood.					
12.00	Floodwaters begin to affect portions of Piedmont, West Virginia.					
10.50	If water levels are elevated on Georges Creek, a combination of the creek and backwater from the Potomac will begin to flood the town of Westernport. Portions of Maryland Route 135 may be affected, and water will approach Westernport Elementary School.					
7.00	Water begins to flow over the dam at the Newpage plant in Luke. No flooding is occurring.					
Gauge Stage Changes						
Start and End Date		Minor		Moderate		Major
1/1/1902 to 12/22/2011		10.5		13.0		15.0